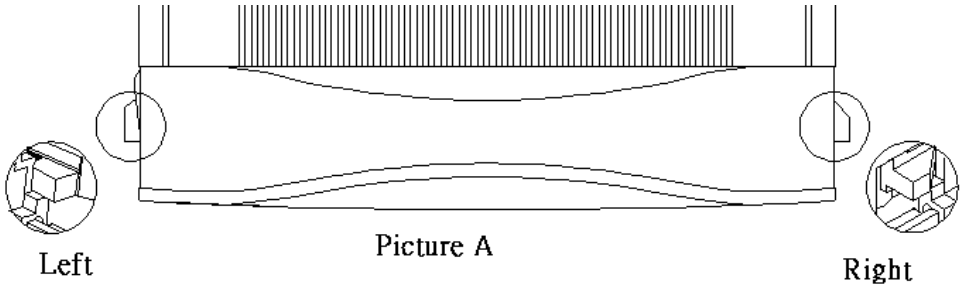
S-56WM Backplane

User's Manual

Features of product ---

- Aluminum frame, aluminum tray and plastic bezel
- Interface: Support SATA-I, II, III & SAS I, II,
- Compatible to use with 3.5" or 2.5" SATA, SAS HDD
- High performance transfer rate : Max up to 6Gbps for SAS-II & SATA-III
- Plug & play, hot swappable for 5 x 3.5" HDD or 5 x 2.5" HDD
- SATA 15Pin & 4Pin Power connectors
- LED for P/S, HDD access, Fan sensor & Buzzer, LED On/Off setting switch
- Power Control Switch for each HDD
- 3-stage temperature alarm settings & reset switch for buzzer alarm
- 8cm cooling fan x 1 and High/Low stage adjustable fan speed
- Patent handle design with mechanical lock and advanced structure design
- Color for choice: black or beige
- Patent balance handle-No skew in/out problem & avoid the abrasion during connection
- Precisely connection on connector (see picture A)
- Dim: 207(L) X 126(W) X 146(H) mm Weight : 1.9 Kgs



Picture A

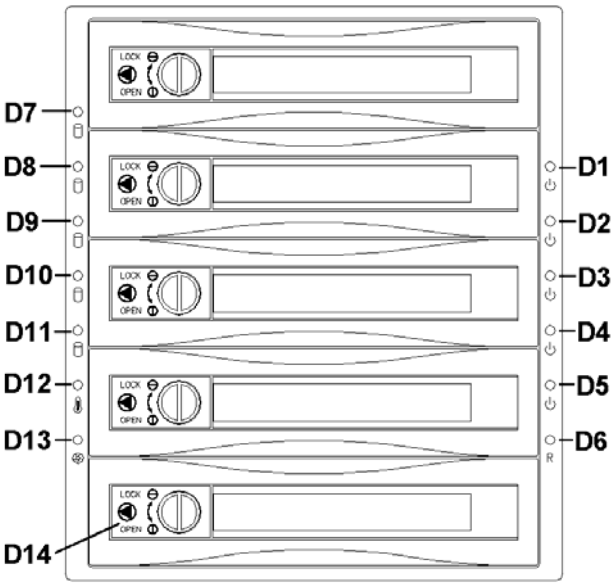
Picture C

--- Caddy Drive Drawer Install ---

1) Use TM#6*4(for 3.5" HDD) & IM3*3.5(for 2.5" HDD) screws to mount the drive on the drawer. (see picture C)

2) With anti-shock stainless side springs on both side to reduce vibration (C1)

-- Front Panel -- (see picture D, E)



Picture D

D.1--- D.5 (HD1～HD5, Power Switch)

D.6--- Reset Switch for buzzer alarm and Overheating [Press the Reset Switch to stop the alarm, and Overheating LED goes off].

D.7--- D.11 Power and HDD access LED [Power on, LED indicates Green. Orange color blinking for HDD accessing]

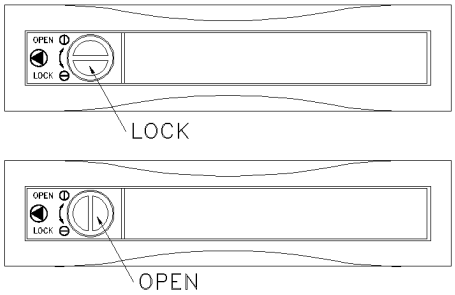
D.12--- Overheating LED

When overheating occurs, the buzzer alarms (default setting is 60℃) and the temperature LED turns red, meanwhile, buzzer is alarming and LED is blinking).

D.13-- Fan sensor LED: LED indicates Green when it is powered on . When the fan failed, LED turned Red.

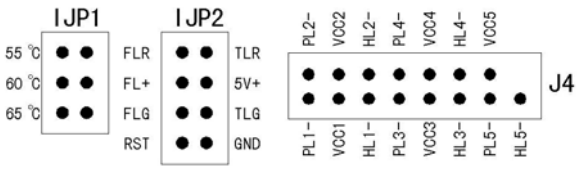
D.14--- Carrier Safety Lock

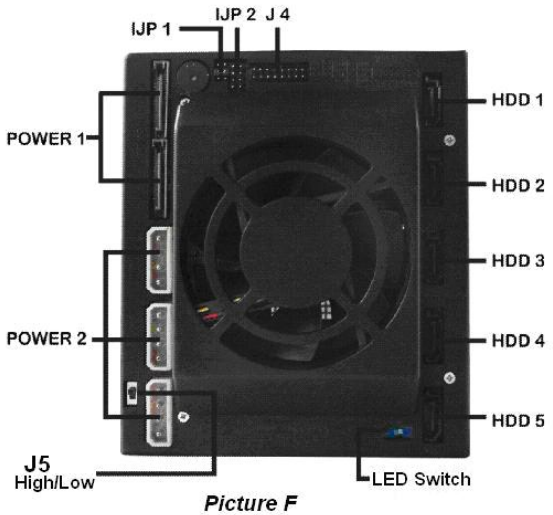
The safety lock safeguards the hard disks in the correct position and prevents it bouncing out while HDD is working. (see Picture E)



Picture E

---Rear View--- (see picture F)





Picture F

Rear View Description (Picture F):

POWER1: 4pin Power connector

POWER2: 15pin Serial ATA Power connector(Two type power for connection (4pin power & 15pin SATA power connector). Use the 4pin power connector, or the 15pin power connector. (Note: Can mix using 4pin and 15pin powers. Suggestion: At least 3 power).

HDD1—HDD5: 7pin Serial ATA Signal connector

IJP1: Temperature setting jumper(default setting is 60℃)

IJP2 & J4 : Extension function jumper

FLR: Fan failure detection (red) **FL+:** Fan failure detection (+)

FLG: Fan failure detection (green)

RST: Reset Switch for buzzer alarm and Overheating LED

TLR: Temperature detection (red), **5V+:** 5V Power

TLG: Temperature detection (green) **GND:** Grounded

PL1 ~ PL5-: Ext Power LED detection (-)

HL1 ~ HL5-: Ext HDD LED detection (-)

VCC1 ~ VCC5-: Ext 5V Power (+)

J5: FAN Switch : FAN RPM High (3600 rpm) & Low (2800 rpm) options

LED Switch

a) When LED switch is set to “enable “position”, LED indicates Green when powered on and Orange color blinking for HDD accessing [In this case, the HDD does not spin up until the SATA initial signal is received].

b) When LED switch is set to “disable” position, LED always indicates SOLID GREEN both for HDD being powered on and HDD being accessing. [In this case, the hard drive is spinning up when the system power is turned on].